U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

Application Number | 10/603,285 |
INFORMATION DISCLOSURE
STATEMENT BY APPLICANT
(Use as many sheets as necessary)

(Use as many sheets as necessary)

Complete if Known

Application Number | 10/603,285 |
Filing Date | 06/24/2003 |
First Named Inventor | Michael E. Shanahan |
Art Unit | 2618 |
Examiner Name | Tuan H. Nouven

(Use as many sheets as necessary)

Examiner Name
Tuan H. Nguyen

Sheet 1 of 3 Attorney Docket Number 116236-00010

			U, S, PATENT	F DOCUMENTS	
Examiner Initials*	Cite No. <sup>1</sup>	Document Number  Number-Kind Code <sup>2 (d known)</sup>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	1	<sup>US-</sup> 5,262,875	11/16/1993	Mincer, et al.	
	2	<sup>US-</sup> 5,550,577	08/27/1996	Verbiest, et al.	
	3	<sup>US-</sup> 6,253,061	06/26/2001	Helferich	
	4	<sup>US-</sup> 6,392,640	05/21/2002	Will	
	5	<sup>US-</sup> 6,400,958	06/04/2002	Isomursu, et al.	
	6	<sup>US-</sup> 6,477,580	11/05/2002	Bowman-Amuah	
	7	<sup>US-</sup> 6,564,056	05/13/2003	Fitzgerald	
	8	<sup>US-</sup> 6,599,147	07/29/2003	Mills, et al.	
	9	<sup>US-</sup> 6,603,985	08/05/2003	Ichihashi	
	10	<sup>US-</sup> 6,718,021	04/06/2004	Crockett, et al.	
	11	<sup>US-</sup> 6,754,509	06/22/2004	Khan, et al.	
	12	<sup>US-</sup> 7,013,006	03/14/2006	Tischer	
	13	<sup>US-</sup> 7,020,497	03/28/2006	Deeds	
	14	<sup>US-</sup> 7,031,453	04/18/2006	Busardo, et al.	
	15	<sup>US-</sup> 7,035,675	04/25/2006	Yamada	
	16	<sup>∪\$-</sup> 7,113,981	09/26/2006	Slate	
	17	<sup>US-</sup> 7,119,268	10/10/2006	Futamase, et al.	
	18	<sup>US-</sup> 7,119,368	10/10/2006	Park, et al.	
	19	<sup>US-</sup> 7,161,081	01/09/2007	Futamase, et al.	

	FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No.		Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages			
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)	MM-DD-YYYY		Or Relevant Figures Appear	T'		
	20	WO 01/41403	06/07/2001	Shanahan				
						L		
					-1	Ļ		
						L		
						L		

Examiner Date	
Signature Considered Considered	

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Approved for use through 10/31/2007, OMB 0651-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

	Substitute for form 1449/PTO	Complete if Known		
	Cancellate 101 10111 11111 10	Application Number	10/603,285	
	INFORMATION DISCLOSURE	Filing Date	06/24/2003	
	INFORMATION DISCLOSURE	First Named Inventor	Michael E. Shanahan	
	STATEMENT BY APPLICANT	Art Unit	2618	
	(Use as many sheets as necessary)	Examiner Name	Tuan H. Nguyen	
$\overline{}$	Sheet 2 of 3	Attorney Docket Number	116236-00010	

Examiner Initials*	Cite No. <sup>1</sup>		Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant	
muais			Applicant or cited bootinent	Figures Appear	
	21	<sup>US-</sup> 7,203,523	04/10/2007	Ito	
	22	<sup>US-</sup> 7,209,900	04/24/2007	Hunter, et al.	
	23	<sup>US-</sup> 6,728,531	04/27/2004	Lee, et al.	
	24	<sup>US-</sup> 6,192,340	02/20/2001	Abecassis	
;	25	<sup>US-</sup> 6,496,692	12/17/2002	Shanahan	
:	26	<sup>US-</sup> 7,149,509	12/12/2006	Shanahan	
	27	<sup>US-</sup> 7,257,395	08/14/2007	Shanahan	
	28	<sup>US-</sup> 7,289,798	10/30/2007	Shanahan	
	29	<sup>US-</sup> 7,295,864	11/13/2007	Shanahan	
	30	<sup>US-</sup> 7,319,866	01/15/2008	Shanahan	
	31	<sup>US-</sup> 2005/0086128 A1	04/21/2005	Shanahan	
	32	<sup>US-</sup> 2004/0148226 A1	07/29/2004	Shanahan	
	33	<sup>US-</sup> 2007/0099605 A1	05/03/2007	Shanahan	
	34	<sup>US-</sup> 2007/0099604 A1	05/03/2007	Shanahan	
		US-			

FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite		Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages		
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)	MM-DD-YYYY		Or Relevant Figures Appear	T	
•••						L	
						┡	
						۲	
					- WASTER		
						Г	

Examiner	 	Date	
Signature		Considered	

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw fine through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optionat). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WiPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached. Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Approved for use through 10/31/2007. OMB 0551-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number. Complete if Known Substitute for form 1449/PTO **Application Number** 10/603,285 Filing Date INFORMATION DISCLOSURE 06/24/2003 STATEMENT BY APPLICANT **First Named Inventor** Michael E. Shanahan Art Unit 2618 (Use as many sheets as necessary) **Examiner Name** Tuan H. Nguyen Attorney Docket Number Sheet 3 116236-00010

			<del></del>
		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
	35	Canadian Office Action issued by the Canadian Patent Office on Dec. 29, 2004, in connection with Canadian App. No. 2,436,872 (2 pages)	
	36	International Preliminary Report on Patentability issued Mar. 25, 2002, issued in connection with International Patent Appln. No. PCT/US00/32920 (6 pages)	

Examiner	Date	
Signature	Considered	

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

1 This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. 80x 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.